

ATTORNEY DOCKET NO. 5576-151

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Tsumori

Serial No.: 10/646,506

Filed: August 22, 2003

For: *Substrate for Perpendicular Magnetic Recording Hard Disk Medium and Method for Producing the Same*

Date: November 21, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

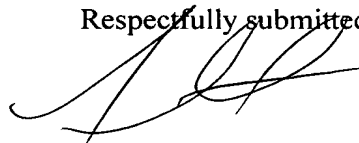
Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the waiver by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(i) for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Also enclosed is a translation or a concise explanation of each non-English language document enclosed.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

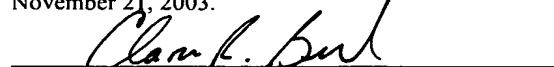


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Clara R. Beard



FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number
5576-151

Serial No.
10/646,506

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants:

Tsumori et al.

Filing Date
August 22, 2003

Group
To Be
Assigned

U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No
	1. JP 142048	01/1984	Japan			X (Abstract)
	2. JP 241089	06/1984	Japan			X (Abstract)
	3. JP 259523	06/1986	Japan			X (Abstract)
	4. JP 145140	07/1982	Japan			X (Abstract)
	5. JP 668463	3/1994	Japan			X (Abstract)
	6. JP 628655	5/1994	Japan			X (Abstract)
	7. JP 4259908	09/1992	Japan			X (Abstract)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

8.	Ohashi, K., et al. "Write Performance of Heads with a 2.1-Tesla CoNiFe Pole" <i>IEEE Transactions on Magnetics</i> 35(5):2538-2540. (September 1999).
9.	Ohashi, K. and Y. Yasue "Newly Developed Inductive Write Head with Electroplated CoNiFe Film" <i>IEEE Transactions on Magnetics</i> 34(4):1462-1464. (July 1998).
10.	Osaka, T., Et al. "A Soft Magnecic CoNiFe Film with High Saturation Magnetic Flux Density and Low Coercivity" <i>Nature</i> 392:796-798 (April 23, 1998).

EXAMINER
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DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.